		<u> </u>
Notice of Allowability	Application No.	Applicant(s)
	10/786,713	RUSSELL ET AL.
	Examiner	Art Unit
	Quoc D. Tran	2643
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this apport or other appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. <b>THIS</b>
1. This communication is responsive to <u>2/24/2004</u> .		
2. The allowed claim(s) is/are <u>1-46</u> .		
<ul> <li>3. ☐ Acknowledgment is made of a claim for foreign priority unended a) ☐ All b) ☐ Some* c) ☐ None of the:</li> <li>1. ☐ Certified copies of the priority documents have</li> </ul>	been received.	
2. Certified copies of the priority documents have been received in Application No		
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give	tted. Note the attached EXAMINER' s reason(s) why the oath or declara	S AMENDMENT or NOTICE OF tion is deficient.
5. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftspers	on's Patent Drawing Review ( PTO-	948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or in the C	ffice action of
Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the	84(c)) should be written on the drawing he header according to 37 CFR 1.121(c	gs in the front (not the back) of
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	E   Notice of Informal D	otant Application (DTO 450)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary	atent Application (PTO-152)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat	ė
Paper No./Mail Date  4. Examiner's Comment Regarding Requirement for Deposit	<u></u>	nt of Reasons for Allowance
of Biological Material		S. Floadons for Allowalle
9. Other  QUOCTRAN		
PRIMARY EXAMINER		
	$\mathcal{C}$	AU 2643

## **DETAILED ACTION**

## Allowable Subject Matter

1. Claims 1-46 are allowed.

2. The following is an examiner's statement of reasons for allowance:

Applicant invention is drawn to a war dialing event (WDE) detection and mitigation system and method that analyzes call signaling messages in a telecommunications network to identify war dialing events. The system monitor signaling links or signaling link sets using signaling link probes. The WDE detection and mitigation system may monitor signaling message traffic on one or more signaling links and generate a call detail record (CDR) for each observed call. CDRs may be used by WDE analysis and screening functions associated with the WDE detection and mitigation system to detect a WDE. A WDE may be indicated by the placement of multiple, short duration calls in rapid succession from a calling party to a first group of called parties. Confirmation of the WDE may be obtained by observing a second event, in which a second group of called parties that include at least some called parties in the first group of called parties are contacted by the same or another calling party. Once a WDE is detected, mitigating actions include generating a WDE alarm or notification message and blocking calls from the offending war dialer.

Prior art of record failed to teach or fairly suggest a method and system for detecting a war dialing event in a telecommunications network, the method comprising: (a) analyzing signaling messages associated with calls being made or attempted in a telecommunications network; (b) based on the signaling messages, determining whether a war dialing event has

Art Unit: 2643

occurred or is in progress; and (c) in response to determining that a war dialing event has occurred or is in progress, performing a war dialing event mitigation action.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Page 3

3. Any response to this action should be mailed to:

Mail Stop \_\_\_\_\_(explanation, e.g., Amendment or After-final, etc.)
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Facsimile responses should be faxed to:

(571) 273-8300

Hand-delivered responses should be brought to:
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Quoc Tran** whose telephone number is (571) 272-7511. The examiner can normally be reached on M, T, TH and Friday from 8:00 to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Curtis Kuntz**, can be reached on (571) 272-7499.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600** whose telephone number is (571) 272-2600.

QUOCTRAN

December 2, 2005